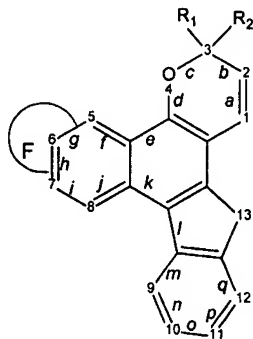


ABSTRACT OF THE DISCLOSURE

A photochromic naphthopyran displays good color distribution when the
 5 naphthopyran has a central nucleus of the formula:



wherein F is a 5-member, 6-member, or 7-member heterocyclic ring group having
 10 only one heteroatom, the heteroatom selected from the group consisting of
 oxygen, sulfur, and nitrogen, the 2,3 or 3,2 positions of the heterocyclic ring
 fused to the *g*, *h*, or *i* side;

R_1 and R_2 are the atoms or groups providing photochromic properties to the
 15 naphthopyran.